

UTILITY PATENT APPLICATION TRANSMITTAL

*Submit an original and a duplicate for fee processing
(Only for new nonprovisional applications under 37 CFR 1.53(b))*

U.S. PTO
03917 10/669841



092303

ADDRESS TO:

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

Attorney Docket No. MBHB02-249-E (400/042US)

First Named Inventor Lawrence Blatt

Express Mail No. EV333564250US

APPLICATION ELEMENTS

1. Transmittal Form with Fee
2. Specification (including claims and abstract) [Total Pages 330]
3. Drawings [Total Sheets 47]
4. Oath or Declaration [Total Pages]
 - a. Newly executed
 - b. Copy from prior application

[Note Boxes 5 and 18 below]
- i. Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
5. Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Computer Code Listing (See 1.96)
 - a. Microfiche Appendix
 - b. CD-Rom (in duplicate, with separate transmittal)
7. Nucleotide and/or Amino Acid Sequence Submission
 - a. Computer Readable Copy
 - b. Paper Copy
 - c. Statement verifying above copies
8. Small Entity Status

is claimed

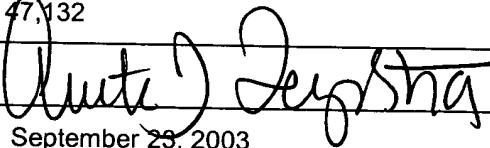
Statement filed in prior application; status still proper and desired

is no longer claimed.

18. This is a CONTINUING APPLICATION. Please note the following:
- a. This is a Continuation Divisional Continuation-in-part of International Application No. PCT/US02/09187, with international filing date of March 26, 2002, published in English under PCT Article 21(2), which claims the benefit of Macejak et al., USSN (60/296,876), filed June 8, 2001, Macejak et al., USSN (60/335,059), filed October 24, 2001, Morrissey et al., USSN (60/337,055), filed December 5, 2001, Beigelman et al., USSN (60/358,580), filed February 20, 2002, Beigelman et al., USSN (60/363,124), filed March 11, 2002, and which is a continuation-in-part of Blatt et al., USSN (09/817,879), filed March 26, 2001, which is a continuation-in-part of Blatt et al., USSN (09/740,332), filed December 18, 2000, which is a continuation-in-part of Blatt et al., USSN (09/611,931), filed July 7, 2000, which is a continuation-in-part of Blatt et al., USSN (09/504,321), filed February 15, 2000, which is a continuation-in-part of Blatt et al., USSN (09/274,553), filed March 23, 1999, which is a continuation-in-part of Blatt et al., USSN (09/257,608), filed February 24, 1999 (abandoned), which claims the benefit of Blatt et al., USSN (60/100,842), filed September 18, 1998, and McSwiggen et al., USSN (60/083,217) filed April 27, 1998. This patent application is also a continuation-in-part of Draper et al., USSN (09/877,478) filed June 8, 2001, which is a continuation-in-part of Draper et al., USSN (09/696,347), filed October 24, 2000, which is a continuation-in-part of Draper et al., USSN (09/636,385), filed August 9, 2000, which is a continuation in part of Draper et al., USSN (09/436,430), filed November 8, 1999, which is a continuation of Draper et al., USSN (08/193,627), filed February 7, 1994, now US patent No. 6,017,756, which is a continuation of Draper et al., USSN (07/882,712), filed May 14, 1992, now abandoned.

- b. Cancel in this application original claims of the prior application before calculating the filing fee. (At least one claim must remain.)
- c. Amend the specification by inserting before the first line the sentence:

This is a continuation divisional continuation-in-part of application Serial No.
d. The prior application is assigned of record to .

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. MBHB02-249-E (400/042US)																																											
APPLICATION FEES																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">BASIC FEE</th> <th style="text-align: right;">\$ 750.00</th> </tr> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>24 -20 =</td> <td>4</td> <td>x \$18.00</td> <td>\$ 72.00</td> </tr> <tr> <td>Independent Claims</td> <td>1- 3 =</td> <td></td> <td>x \$84.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4"><input type="checkbox"/> Multiple Dependent Claims(s) if applicable</td> <td>+\$280.00 \$ 0.00</td> </tr> <tr> <td colspan="4"></td> <td style="text-align: right;">Total of above calculations = \$ 822.00</td> </tr> <tr> <td colspan="4"></td> <td style="text-align: right;">Reduction by 50% for filing by small entity = \$(411.00)</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Assignment fee if applicable</td> <td></td> <td>+ \$40.00</td> <td>\$</td> </tr> <tr> <td colspan="4"></td> <td style="text-align: right;">TOTAL = \$ 411.00</td> </tr> </tbody> </table>			BASIC FEE		\$ 750.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	24 -20 =	4	x \$18.00	\$ 72.00	Independent Claims	1- 3 =		x \$84.00	\$ 0.00	<input type="checkbox"/> Multiple Dependent Claims(s) if applicable				+\$280.00 \$ 0.00					Total of above calculations = \$ 822.00					Reduction by 50% for filing by small entity = \$(411.00)	<input type="checkbox"/> Assignment fee if applicable			+ \$40.00	\$					TOTAL = \$ 411.00
BASIC FEE		\$ 750.00																																											
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																										
Total Claims	24 -20 =	4	x \$18.00	\$ 72.00																																									
Independent Claims	1- 3 =		x \$84.00	\$ 0.00																																									
<input type="checkbox"/> Multiple Dependent Claims(s) if applicable				+\$280.00 \$ 0.00																																									
				Total of above calculations = \$ 822.00																																									
				Reduction by 50% for filing by small entity = \$(411.00)																																									
<input type="checkbox"/> Assignment fee if applicable			+ \$40.00	\$																																									
				TOTAL = \$ 411.00																																									
19. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-2490 in the amount of \$411.00																																													
20. <input type="checkbox"/> A check in the amount of \$ is enclosed.																																													
21. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490: a. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.16. b. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.17. c. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.18.																																													
22. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.																																													
23. CERTIFICATE OF MAILING																																													
<p>I hereby certify that, under 37 CFR § 1.10, I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee," addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.</p>																																													
24. USPTO CUSTOMER NUMBER																																													
20306																																													
McDonnell Boehnen Hulbert & Berghoff																																													
25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED																																													
Name	Anita J. Terpstra, Ph.D.																																												
Reg. No.	47,132																																												
Signature																																													
Date	September 23, 2003																																												

UTIL (Rev. 11/21/00)

PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. MBHB02-249-E (400/042US))

IN THE APPLICATION OF:

Blatt et al.

Serial No. TBA

Filed: TBA

Title Oligonucleotide Mediated Inhibition Of
Hepatitis B Virus and Hepatitis C Virus
Replication

)
)
)
)
)
)
)
)
)
)
)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

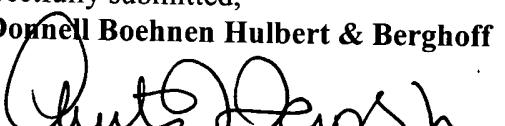
1. The Compact Disc contained herein ("MBHB02-249-E (400/042US) Sequence Listing") submitted under 37 C.F.R. § 1.52(e):

- Is formatted for IBM-PC Machines
- Is compatible with MS-Windows Operating System
- Contains the file "**02-249-E (400/042US) Sequence Listing**" which is 4,816,896 bytes in size and was created on 09/05/03.

2. Statement under 37 C.F.R. § 1.52(e)(4): The undersigned certifies that the CD-R submitted herein, titled "**02-249-E (400/042US) Sequence Listing**" (COPY 1) and the copy CD-R entitled "**02-249-E (400/042US) Sequence Listing**" (COPY 2) are identical in content as required by C.F.R. § 1.52(e)(4).

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff

By:


Anita J. Terpstra
Reg. No. 47,132

Dated: September 23, 2003

McDonnell Boehnen Hulbert & Berghoff
300 South Wacker Drive, 32nd Floor
Chicago, Illinois 60606
Phone: 312-913-0001
Fax: 312-913-0002